

CAS ONLINE PRINTOUT

=> d his

(FILE 'HOME' ENTERED AT 07:39:28 ON 17 MAY 2006)

FILE 'REGISTRY' ENTERED AT 07:39:32 ON 17 MAY 2006

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 5 S L1 FUL

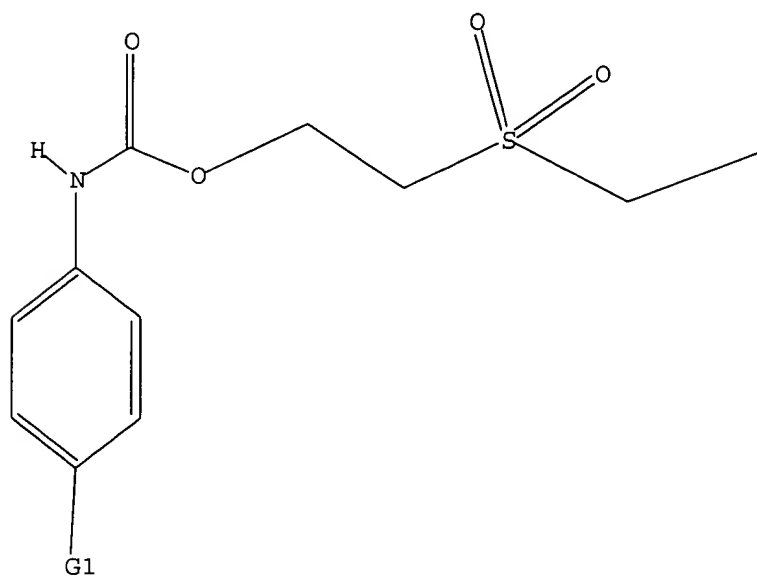
FILE 'CAPLUS' ENTERED AT 07:40:23 ON 17 MAY 2006

L4 8 S L3

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 N,OH

Structure attributes must be viewed using STN Express query preparation.

=> d bib abs hitstr 1-8

L4 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:130669 CAPLUS

DN 138:178165

TI A color photothermographic element comprising a dye-forming system for forming a novel infrared dye

IN Reynolds, James Henry; Olson, Leif P.; Slusarek, Wojciech Kazimierz; Levy, David Howard

PA Eastman Kodak Company, USA

SO Eur. Pat. Appl., 69 pp.

CODEN: EPXXDW

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
	-----	----	-----	-----	-----
PI	EP 1284440	A1	20030219	EP 2002-78165	20020801

CAS ONLINE PRINTOUT

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK

US 2003073044 A1 20030417 US 2001-928834 20010813

US 6599684 B2 20030729

JP 2003114507 A2 20030418 JP 2002-235983 20020813

PRAI US 2001-928834 A 20010813

AB The present invention is directed to a photothermog. element comprising at least one imaging layer with a pyrrolotriazole coupler and a developing agent, or precursor thereof, the combination of which is capable of forming an image record in the IR region of the light spectrum in response to a selected hue of visible light. This expedient leads to the formation of high quality images, especially when scanning photothermog. elements in which

the silver halide, metallic silver, and/or any organic silver salts have not been removed. Also disclosed is a method for photothermog. forming a developed image comprising an IR image record.

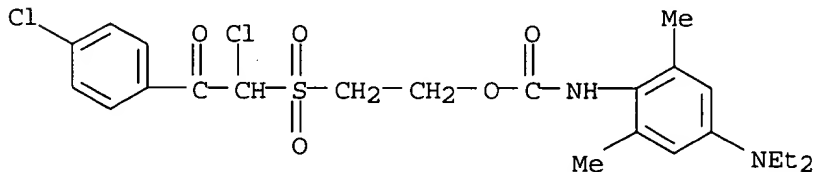
IT 380431-70-9

RL: PRP (Properties); TEM (Technical or engineered material use); USES (Uses)

(developer; color photothermog. element comprising dye-forming system for forming novel IR dye)

RN 380431-70-9 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2,6-dimethylphenyl]-, 2-[[1-chloro-2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2003:113328 CAPLUS

DN 138:161135

TI Color photothermographic element comprising a dye-forming system for forming a novel cyan dye

IN Olson, Leif P.; Slusarek, Wojciech K.; Reynolds, James H.; Szajewski, Richard P.

PA Eastman Kodak Company, USA

SO U.S., 30 pp.

CODEN: USXXAM

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6517981	B1	20030211	US 2001-930939	20010816
	EP 1284441	A1	20030219	EP 2002-78201	20020805
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
	JP 2003121968	A2	20030423	JP 2002-237531	20020816
PRAI	US 2001-930939	A	20010816		

OS MARPAT 138:161135

AB A light-sensitive silver-halide color photothermog. element comprises a

CAS ONLINE PRINTOUT

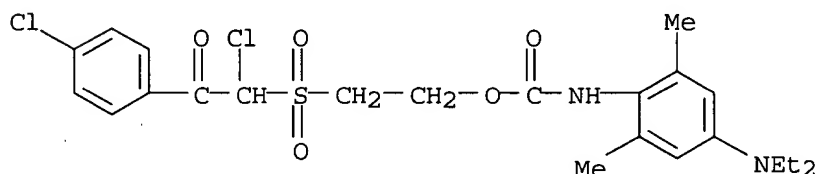
typically magenta dye-forming pyrazolone coupler in the cyan record by rendering the hue of the resultant dye a cyan hue. The use of certain para-phenylenediamine developers, for example, containing a substituent group in both the 2- and 6-positions (ortho, ortho') relative to the coupling nitrogen, along with selected magenta dye-forming couplers, when oxidized, yield cyan dyes with certain couplers, resulting in the superior non-hue characteristics of magenta couplers in the cyan layer. By means of the present invention, light sensitive color photothermog. elements can form image dye records of consistent d. forming ability and consistent stability in all three color records. Also disclosed is a method of processing such a color photog. element.

IT 380431-70-9P

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(color photothermog. element comprising dye-forming system for forming novel cyan dye)

RN 380431-70-9 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2,6-dimethylphenyl]-, 2-[[1-chloro-2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:924123 CAPLUS

DN 136:45632

TI Packaged color photographic film capable of alternatively dry or wet-chemical processing

IN Levy, David Howard; Reynolds, James Henry; Southby, David Thomas; Zimmerman, Paul David; Irving, Mark Edward

PA Eastman Kodak Company, USA

SO PCT Int. Appl., 149 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096950	A1	20011220	WO 2001-US18220	20010606
	W: CN, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002018956	A1	20020214	US 2001-865901	20010525
	US 6495299	B2	20021217		
	EP 1295173	A1	20030326	EP 2001-941957	20010606
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2004503824	T2	20040205	JP 2002-511015	20010606
PRAI	US 2000-211058P	P	20000613		
	WO 2001-US18220	W	20010606		
OS	MARPAT 136:45632				

CAS ONLINE PRINTOUT

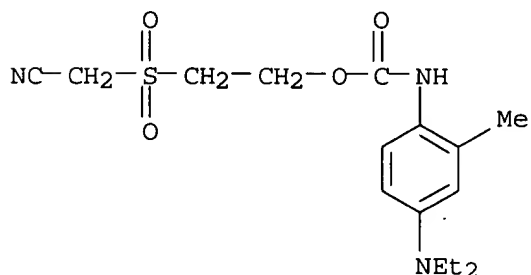
AB This invention relates to packaged photog. film that is capable of being alternately processed, according to individual consumer choice, by either (1) a traditional wet-chemical process with a developer solution followed by desilvering in one or more subsequent solns. to obtain a color neg. film, or (2) a dry thermal process without the use of aqueous solns. in which a blocked developing agent located within the photog. element is thermally activated or unblocked, optionally followed by electronic scanning of the developed film without desilvering. This invention enables a single film stock to be developed in both a conventional deep tank process and in a dry thermal process.

IT 374628-77-0

RL: TEM (Technical or engineered material use); USES (Uses)
(blocked developer; packaged color photog. film dry or wet-chemical processing compatible)

RN 374628-77-0 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-
[(cyanomethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:924121 CAPLUS

DN 136:45630

TI A color photographic element comprising a common chromogenic coupler

IN Szajewski, Richard Peter; Irving, Lyn Marie

PA Eastman Kodak Company, USA

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096948	A2	20011220	WO 2001-US18843	20010611
	WO 2001096948	A3	20020411		
	W: JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002009677	A1	20020124	US 2001-871310	20010531
	US 6534252	B2	20030318		
	US 2002012886	A1	20020131	US 2001-871522	20010531
	US 6570034	B2	20030527		
	EP 1297382	A2	20030402	EP 2001-946256	20010611
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2004503822	T2	20040205	JP 2002-511013	20010611
	US 2003228548	A1	20031211	US 2003-387078	20030312

CAS ONLINE PRINTOUT

PRAI US 2000-211299P P 20000613
US 2001-871522 A3 20010531
WO 2001-US18843 W 20010611

OS MARPAT 136:45630

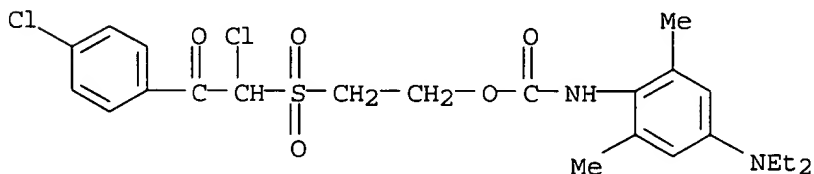
AB A light sensitive silver halide color photog. element having a common chromogenic coupler and a distinct developer associated with each color forming layer unit is disclosed. In a first embodiment, the light sensitive silver halide color photog. element has a red light sensitive silver halide layer unit and a first blocked coupling developer, a green light sensitive silver halide layer unit and a second blocked coupling developer and a blue light sensitive silver halide layer unit having a third blocked coupling developer and wherein each layer unit has the same chromogenic coupler. In a second embodiment, the light sensitive silver halide color photog. element has a red light sensitive silver halide layer unit and a first blocked coupling developer, a green light sensitive silver halide layer unit and a second blocked coupling developer, and a blue light sensitive silver halide layer unit having a third blocked coupling developer. By means of the present invention, light sensitive color photothermog. elements can form yellow, magenta and cyan dye records of consistent d. forming ability and consistent stability in all three color records. The present invention also relates to a novel blocked phenylenediamine developer useful in the imaging elements according to the present invention.

IT 380431-70-9P

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)
(blocked developer for color photog. element)

RN 380431-70-9 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2,6-dimethylphenyl]-, 2-[[1-chloro-2-(4-chlorophenyl)-2-oxoethyl]sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

AN 2001:924118 CAPLUS

DN 136:45628

TI Processing of color photothermographic film comprising dry thermal development and wet-chemical remediation

IN Irving, Mark Edward; Szajewski, Richard Peter

PA Eastman Kodak Company, USA

SO PCT Int. Appl., 140 pp.

CODEN: PIXXD2

DT Patent

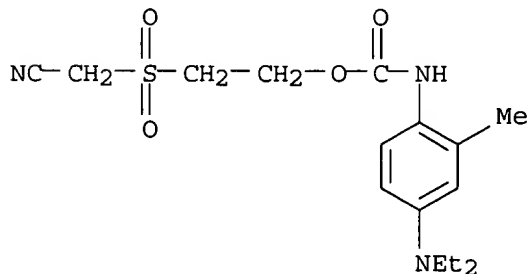
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096945	A2	20011220	WO 2001-US16919	20010524
	WO 2001096945	A3	20020606		
	W: CN, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				

CAS ONLINE PRINTOUT

US 2002018944 A1 20020214 US 2001-854876 20010514
EP 1295175 A2 20030326 EP 2001-937714 20010524
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, FI, CY, TR
JP 2004503819 T2 20040205 JP 2002-511010 20010524
PRAI US 2000-211065P P 20000613
WO 2001-US16919 W 20010524
OS MARPAT 136:45628
AB This invention relates to a method of processing color photog. film that
has been imagewise exposed in a camera, said film having at least three
light-sensitive units which have their individual sensitivities in
different wavelength regions, each of the units comprising at least one
light-sensitive silver-halide emulsion, binder, and dye-providing coupler,
which method in order comprises (a) thermally developing the film step
without any externally applied developing agent, comprising heating said
film to a temperature greater than 80 °C in an essentially dry process,
such that an internally located blocked developing agent in reactive
association with each of said three light-sensitive units becomes unblocked to
form a developing agent, whereby the unblocked developing agent forms dyes
by reacting with the dye-providing couplers to form a color image; (b)
scanning the color image in the film without desilvering; (c) desilvering
said film in one or more desilvering solns. to remove at least silver
halide, thereby forming an improved color image suitable for scanning or
optical printing, and (d) either optically printing or scanning the color
image in the film following desilvering. In one embodiment of the
invention, the film is scanned a first time in step (b) to obtain a
relatively low quality scan and then scanned a second time after step (c)
to obtain a relatively high quality scan that is used for making the pos.
image print.
IT 374628-77-0
RL: TEM (Technical or engineered material use); USES (Uses)
(blocked developer; processing of color photothermog. film comprising
dry thermal development and wet-chemical remediation)
RN 374628-77-0 CAPLUS
CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-
[(cyanomethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
AN 2001:924116 CAPLUS
DN 136:45626
TI Processing system for color photothermographic film comprising dry thermal
development and wet-chemical remediation
IN Irving, Mark Edward; Szajewski, Richard Peter
PA Eastman Kodak Company, USA
SO PCT Int. Appl., 136 pp.
CODEN: PIXXD2
DT Patent

CAS ONLINE PRINTOUT

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001096943	A2	20011220	WO 2001-US16885	20010524
	WO 2001096943	A3	20020530		
	W: CN, JP				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	US 2002018967	A1	20020214	US 2001-854948	20010514
	EP 1290491	A2	20030312	EP 2001-939411	20010524
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI, CY, TR				
	JP 2004503817	T2	20040205	JP 2002-511008	20010524
PRAI	US 2000-211079P	P	20000613		
	WO 2001-US16885	W	20010524		

OS MARPAT 136:45626

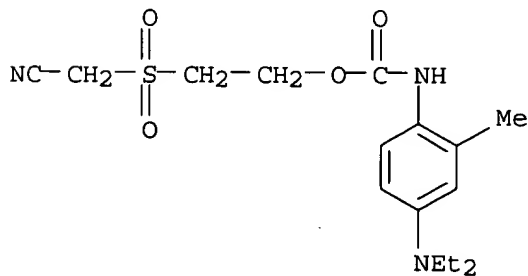
AB The present invention is directed to a method of processing color photog. film that has been imagewise exposed in a camera, said film having at least three light-sensitive units which have their individual sensitivities in different wavelength regions, each of the units comprising at least one light-sensitive silver-halide emulsion, one or more organic silver salts, a binder, and dye-providing coupler, which method in order comprises: (a) thermally developing the film step without any externally applied developing agent, comprising heating said film to a temperature greater than 80 °C in an essentially dry process, such that an internally located blocked developing agent in reactive association with each of said three light-sensitive units becomes unblocked to form a developing agent, whereby the unblocked developing agent forms dyes by reacting with the dye-providing couplers to form a color image; and (b) scanning the color image to provide a digital electronic record capable of generating a pos. color image in a display element, wherein the silver halide and the organic silver salts in the film are removed and/or stabilized before or after step (b), such that the film is in an archival state. Typically, a pos.-image color print from the desilvered film. Optionally, the developed metallic silver can also be removed.

IT 374628-77-0

RL: TEM (Technical or engineered material use); USES (Uses)
(blocked developer; processing system for color photothermog. film comprising dry thermal development and wet-chemical remediation)

RN 374628-77-0 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-
[(cyanomethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN

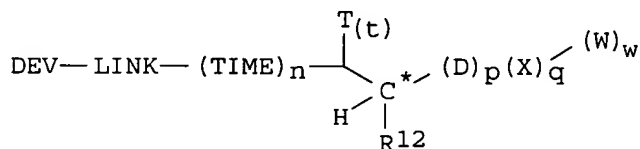
AN 2001:918939 CAPLUS

DN 136:45619

CAS ONLINE PRINTOUT

TI Color photothermographic film comprising blocked developing agents
 IN Slusarek, Wojciech Kazimierz; Yang, Xiqiang; Irving, Mark Edward; Levy, David Howard; Mooberry, Jared Ben; Seifert, James Joseph; Reynolds, James Henry; Irving, Lyn Marie; Owczarczyk, Zbyslaw Roman; Southby, David Thomas
 PA Eastman Kodak Company, USA
 SO Eur. Pat. Appl., 66 pp.
 CODEN: EPXXDW
 DT Patent
 LA English
 FAN. CNT 1

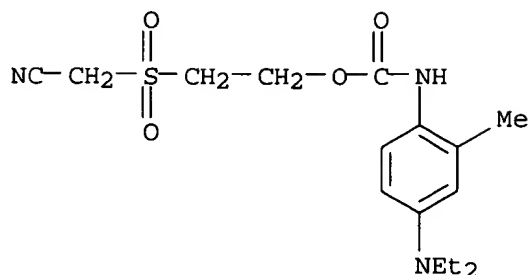
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1164418	A2	20011219	EP 2001-202097	20010601
	EP 1164418	A3	20021127		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	US 6537712	B1	20030325	US 2000-710348	20001109
	CA 2345195	AA	20011213	CA 2001-2345195	20010425
	BR 2001002394	A	20020219	BR 2001-2394	20010612
	JP 2002072408	A2	20020312	JP 2001-176866	20010612
	CN 1329281	A	20020102	CN 2001-121287	20010613
PRAI	US 2000-211304P	P	20000613		
OS	MARPAT 136:45619				
GI					



AB This invention relates to a color photothermog. element comprising an imaging layer having associated with a compound of the general structure I (DEV = developing agent; LINK = linking group; TIME = timing group; n = 0-2; t = 0-2; C* = tetrahedral (sp³ hybridized) carbon; p = 0, 1; q = 0, 1; w = 0, 1; p+q = 1; R12 = H, alkyl, cycloalkyl, aryl, heterocyclic; R12 can combine with W to form a ring; T = alkyl; cycloalkyl, aryl, heterocyclic, inorg. monovalent electron withdrawing group; inorg. divalent electron withdrawing group capped with C1-10-alkyl, -aryl; T can be joined with W or R12 to form a ring; D = first activating group; X = second activating group; D, X and W are further defined in the claims). Such compds. have good reactivity as developing agents when thermally activated under preselected conditions. The invention is also directed to a method of developing a color photothermog. element, including dry development systems.

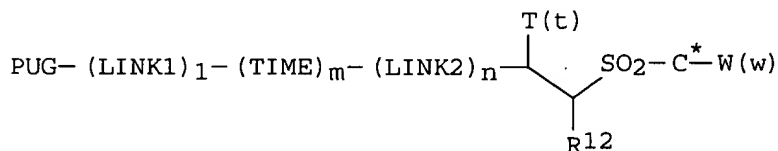
IT **374628-77-0**
 RL: TEM (Technical or engineered material use); USES (Uses)
 (blocked developer; color photothermog. film comprising blocked developing agents)

RN 374628-77-0 CAPLUS
 CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-[(cyanomethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



L4 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2006 ACS on STN
 AN 2001:844890 CAPLUS
 DN 135:378683
 TI Color photothermographic film comprising improved blocked developer compound
 IN Slusarek, Wojciech K.; Yang, Xiqiang; Levy, David H.
 PA Eastman Kodak Co., USA
 SO U.S., 36 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6319640	B1	20011120	US 2000-711769	20001113
	EP 1158356	A2	20011128	EP 2001-201834	20010516
	EP 1158356	A3	20020515		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001337410	A2	20011207	JP 2001-158967	20010528
	CN 1327173	A	20011219	CN 2001-120801	20010528
	US 2002019571	A1	20020214	US 2001-904616	20010713
PRAI	US 2000-207509P	P	20000526		
	US 2000-711769	A3	20001113		
OS	MARPAT 135:378683				
GI					



I

AB This invention relates to photothermog. imaging element comprising imaging layer having associated with a compound of the formula I (PUG = photog. useful group; LINK1, LINK2 = linking groups as further defined in the claims; TIME = timing group; l = 0-1; m = 0-2; n = 0-1; 1+n≥0; w = 1-2; t = 0-2; T = alkyl, cycloalkyl, aryl, heterocyclic, T may be joined with W, C* or R12 to form a ring, when t = 2, two T groups can combine to form a ring, when t is not 2, the necessary number of hydrogens are present instead of T groups; R12 = H, alkyl, cycloalkyl, aryl, heterocycle; C* = tetrahedral carbon; W = electron withdrawing group as further defined in the claims). Such compds. have good reactivity and can be used to block photog. useful compds. such as developing agents until thermally activated under preselected conditions. Compds. according to the present invention

CAS ONLINE PRINTOUT

are especially useful in color photothermog. imaging elements.

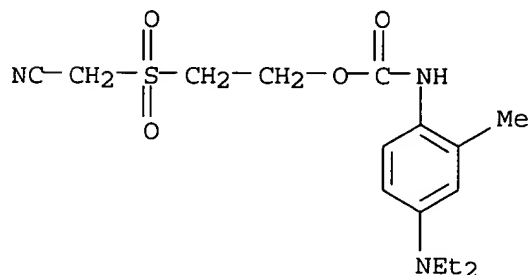
IT **374628-77-0P 374628-78-1P**

RL: DEV (Device component use); PRP (Properties); SPN (Synthetic preparation); PREP (Preparation); USES (Uses)

(blocked developer; color photothermog. film comprising improved blocked developer compound)

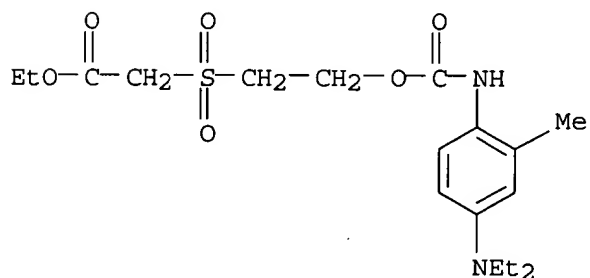
RN 374628-77-0 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-[(cyanomethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



RN 374628-78-1 CAPLUS

CN Acetic acid, [[2-[[[4-(diethylamino)-2-methylphenyl]amino]carbonyl]oxy]ethyl]sulfonyl]-, ethyl ester (9CI) (CA INDEX NAME)



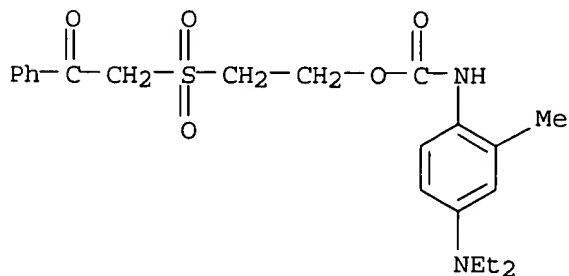
IT **374628-75-8P 374628-79-2P**

RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(blocked developer; color photothermog. film comprising improved blocked developer compound)

RN 374628-75-8 CAPLUS

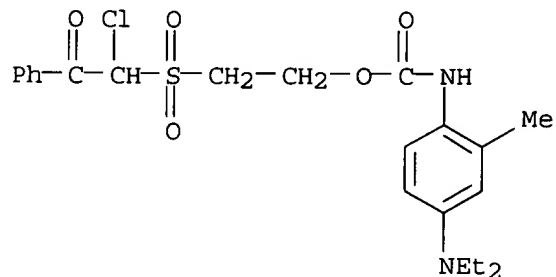
CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-[(2-oxo-2-phenylethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



CAS ONLINE PRINTOUT

RN 374628-79-2 CAPLUS

CN Carbamic acid, [4-(diethylamino)-2-methylphenyl]-, 2-[(1-chloro-2-oxo-2-phenylethyl)sulfonyl]ethyl ester (9CI) (CA INDEX NAME)



RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>